

Message Text

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14

ORIGIN PM-04

INFO OCT-01 EUR-12 ISO-00 EB-07 CIAE-00 INR-07 NSAE-00

NSC-05 SP-02 SS-15 OMB-01 L-03 /057 R

DRAFTED BY OASD/ISA/FMRA:SGOLDSMITH;PM/ISO:MCOOLEY:DME

APPROVED BY PM/ISO:GCHURCHILL

EUR/NE:SWORRELL

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R 301957Z JUL 76

FM SECSTATE WASHDC

TO AMEMBASSY LONDON

INFO SECDEF ISA/FMRA

CSAF XOXXI

AFSC ANDREWS AFB MD/FA

RADC GRIFFISS AFB NY/DCCL

4950TESTW WPAFB OH/FFAN

C O N F I D E N T I A L STATE 189347

E.O. 11652:ADS-DECLASSIFY WHEN NEGOTIATIONS TERMINATED

TAGS: UK, MARR

SUBJECT: TRI-SERVICE PROPAGATION PROGRAM, PROJECT 9753

(FORMERLY PROJECT R184001)

REFS: (A) LONDON 10025 JUN 76; (B) STATE 287769 DEC 75

(C) LONDON 00804 JAN 74

1. FOLLOWING PROVIDED AS REQUESTED IN REFTEL A TO SECURE
OPERATING RIGHT PER REFTEL B. PLEASE NOTE THAT REFTEL C
APPROVED THIS PROJECT FOR CY 74 AND GAVE IN PRINCIPLE
APPROVAL FOR CY'S 75 AND 76 WITH CAVEAT THAT RECONFIRMATION
WOULD BE REQUIRED EACH YEAR.

2. THE TRI-SERVICE PROPAGATION PROGRAM IS AN EFFORT TO
IMPROVE VERY LOW/LOW FREQUENCY (VLF/LF) COMMUNICATIONS.
THIS REQUIRES MEASURING VLF/LF SIGNAL STRENGTH BY AIRBORNE
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RECEIVERS FLYING RADIAL PATHS FROM DEDICATED EXPERIMENTAL

TRANSIT STATIONS AS WELL AS FROM OPERATIONS. TRANSMITTING FACILITIES LOCATED IN NORTH AMERICA, THE ATLANTIC, THE PACIFIC, AND EUROPE. A LIST OF THE TRANSMITTER SITES AND EQUIPMENT ABOARD THE AIRCRAFT IS BEING POUCHED SEPARATELY. THE DATA OBTAINED IS USED TO VALIDATE THE MATHEMATICAL PROPAGATION PREDICTION MODELS USED BY THE SERVICES AND TO IMPROVE PREDICTION TECHNIQUES FOR VLF/LF COMMUNICATIONS

SYSTEMS.

3. AN NKC-135 AIRCRAFT IS USED WHICH BELONGS TO AIR FORCE SYSTEMS COMMAND, AND NORMALLY STAGES FROM MILDENHALL. EQUIPMENT ABOARD IS OWNED BY THE AIR FORCE AND NAVY, OPERATES IN THE RECEIVE ONLY MODE, AND IS NOT REMOVED FROM THE AIRCRAFT. APPROXIMATELY SIX SERIES OF FLIGHTS ARE REQUIRED EACH YEAR WITH AN EMPHASIS ON OBTAINING DATA COVERAGE FOR ALL FOUR SEASONS. OPERATIONAL DETAILS OF THE FLIGHTS ARE PROVIDED TO THE DEFENSE ATTACHE A MINIMUM OF THREE DAYS PRIOR TO EACH FLIGHTS AND STANDARD ICAO FLIGHTS PLANS ARE FILED. FLIGHTS DO NOT REQUIRE DEVIATION FROM NORMAL AIR ROUTE TRAFFIC CONTROL PROCEDURES.
KISSINGER

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NNN

Message Attributes

Automatic Decaptioning: X
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Draft Date: 30 JUL 1976
Decaption Date: 01 JAN 1960
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Disposition Authority: GolinoFR
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Margaret P. Grafeld
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EO Systematic Review
04 MAY 2006

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